Modified 02-03

PTO/SB/21 (01-03)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

jam

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a

TRANSMITTAL  FORM  (to be used for all correspondence after initial filing)		Application / Conf. No.	10/051,222 / 7174
		Filing Date	January 18, 2002
		First Named Inventor	Jinghui Lu
		Examiner Name	Juan A. Torres
Mail Stop: AF		Art Unit	2631 .
Express Mail Receipt No.		Patent No.	
Total Number of Pages in This Submission		Attorney Docket Number	X-1055 US
ENCLOSURES (check all that apply)			
Fee Transmittal Form  X Amendment / Reply Preliminary Amendment X After Final Affidavit(s)/declaration(s)  Extension of Time Request Change Status to LARGE ENTITY  Express Abandonment Request Information Disclosure Statement  Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A)  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR	Assignment Papers (with Recordation Cover Sheet)  Declaration / Oath  Drawing(s)  Licensing-related Papers  Petition -  To Convert a Provisional Application  Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Request for Refund  Remarks		After Allowance Communication to  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Status Letter  X Return Receipt Postcard  Other Enclosure(s) (please identify below):
1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Customer Number 24309			
Attn: Justin Liu (Qustomer Number) Reg. Number 51,959			
Signature MMI CO			
Date January 6, 2006		Charge any additiona to our Deposit Accour	fees required/credit any overpayment t Number: 24-0040
CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231 on this date:			
Typed or Printed Name Julie Matthews			
Signature full: Watthern Date January 6, 2006			

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to botain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

OIP £10,051,222

AN **0 9** 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jinghui Lu et al.

Assignee: Xilinx, Inc.

Title: "An Integrated High-Speed Serial-To-Parallel and Parallel-To-Serial

Transceiver"

Serial No.: 10/051,222 Filing Date: 01/18/2002

Examiner: Juan A. Torres Art Unit: 2631

Docket No.: X-1055 US Conf. No.: 7174

Mail Stop AF COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT IN RESPONSE TO THE FINAL OFFICE ACTION

In response to the Final Office Action mailed from the Patent Office on November 7, 2005, Applicants submit the following amendments and remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 11 this paper.